



SUPPLEMENTAL TECHNICAL INSTRUCTIONS		Supplement Number	Date Issued
		91-2-C	4/22/91

National Mapping Division

SUBJECT	Building Classification and Symbolization and Tank Symbolization on Primary Series Maps
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BACKGROUND	<p>Buildings on primary series maps have been classified either as Class 1 or Class 2 structures. Class 1 buildings were defined as those structures used primarily to house human activities; Class 2 buildings were those used primarily to house machinery or animals, or for storage.</p> <p>Recently, the National Mapping Division surveyed State Geologists, A-16 contacts, and others in the mapping community as to whether or not they used the building classifications. The vast majority of respondents indicated that they did not use building classification information, or that they obtained such information from other sources. In addition, a significant portion of existing primary series maps are either category 1 provisional edition or photorevised products. Some or all buildings are not classified on these maps.</p> <p>In addition to classifying buildings based on use, the map symbolization has also differentiated buildings on the basis of size. "Small" buildings have been shown by a solid black or unfilled black outline square; large or "oversize" buildings were represented by black patterns (hatch or crosshatch). This symbology is time consuming to produce and difficult to digitize using scanner techniques. In addition, the visual effect was to deemphasize the largest buildings in comparison with smaller buildings shown in solid black. The same reasoning applies to current symbology for oversized tanks.</p>
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INSTRUCTIONS	<p>Do not classify buildings on primary series maps. Show all buildings and tanks in solid black. Show small buildings less than 0.04" as a solid square 0.02" x 0.02". Show larger buildings to scale.</p> <p>Criteria for deciding which buildings to show on specific products have not changed.</p> <p>Modifications to "Standards for 1:24,000-and 1:25,000-Scale Quadrangle Maps," Parts 5 and 6, are in preparation.</p>
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APPLIES TO

All primary series maps which undergo replacement mapping, or standard update.

All primary series maps which undergo limited update mapping if new and existing photorevised information is separated for printing in standard colors and symbolization.

Do not change building or tank portrayal on primary series maps which undergo limited update if new information is symbolized for printing in purple.

Do not change building or tank portrayal on reprints.

ISSUED TO

EDC, EMC, MCMC, RMMC, and WMC.

APPROVED BY

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Attachment

cc: NMD
RES
RTM
ADC/RES
ADC/PB&A
ADC/PM
ADC/C&R
ADC/IDS
TVA
RGCR
RSD